State of Tennessee
Department of Environment and Conservation
Division of Air Pollution Control
William R. Snodgrass Tennessee Tower
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NON-TITLE V PERMIT APPLICATION
CONCRETE BATCH PLANT SOURCE DESCRIPTION

Please type or print and submit in duplicate. Attach to the Non-Title V Facility Identification Form (APC 100).
Attach a Plant Diagram according to the instructions given below.

GENERAL IDENTIFICATION AND DESCRIPTION

1. Organization name			For APC use only	APC Company – point no.
2. Emission source no. (As on Non-Title V Facility Identification Form)		Date constructed		APC Log/Permit no.
3. Maximum annual production: (Yards)	Transit mix	Central mix	Dry mix	

ROAD DUST AND STOCKPILE INFORMATION

4. Road dust control:	None	Paved	Oiled	Watered frequently	
Plant yard:					
Access roads:					
5. Stockpiles:	Estimated annual tonnage	Number of sides enclosed	Turnover rate (Tons/Month)	Received damp	Wetted as received
Gravel:					
Sand:					

CEMENT RECEIVING AND STORAGE

6. Cement receiving equipment (Circle or complete as appropriate)	Is conveyor enclosed? Yes or No	Is elevator enclosed? Yes or No	Compressed air flow ($Ft.^3$/Min.)	Average load size (Tons)	Normal loading time (Min.)
7. Cement storage silos:	Number of silos	Total capacity (Units: barrels or tons)	Silo vent controls Discharges to (check one) Fabric filter ☐ Another silo ☐ Other ☐ None ☐		

WEIGH-BATCHER INFORMATION

8. Weigh batcher:	Capacity (Yards)	Batching rate (Yards/Hour)	Batch dumping rate (Yards/Minute)
Silo – to – weight – batcher vent controls (Check)	Hood ☐ Fabric filter ☐ Discharges to silo ☐ None ☐		
9. Weigh - batcher: (Check or complete as appropriate)	Discharges to: (In yards/year)		
	Trucks	Tilt	Products mixer
	Weigh-batcher discharge chute controls: Adjustable gathering hopper ☐ Hood ☐ Fabric filter ☐ Discharges to silo ☐ None ☐		

Concrete batch plant diagram instructions: Show general plant layout and air pollution control devices. Indicate the following: storage pile areas, conveyor systems, method of receiving cement, elevators, silos, silo vents, silo-to-weigh-batcher vent, weigh-batcher discharge chute, and product receiving equipment such as trucks and tilt or product mixers. Indicate air pollution control devices such as fabric filters, wet suppressions, hoods, canvas coverings, enclosures, etc.

(Over)

SILO #1 EMISSION INFORMATION			
10. Emission point data for:	Silo vent	Silo-to-weigh-batcher vent	Weigh-batcher discharge chute
A. Height above grade (Ft.)			
B. Diameter (Ft.)			
C. Emission exit direction (Up, down, or horizontal)			
D. Air flow rate ($Ft.^3$/Minute)			
11. Particulate air contaminants	Silo vent	Silo-to-weigh-batcher vent	Weigh-batcher discharge chute
A. Average emissions (Pounds/Hour)			
B. Maximum emissions (Pounds/hour)			
C. Average emissions (Tons/Year)			
D. Emissions estimation method*			
E. Control devices*			
F. Control efficiency %			
SILO #2 EMISSION INFORMATION			
12. Emission point data for:	Silo vent	Silo-to-weigh-batcher vent	Weigh-batcher discharge chute
A. Height above grade (Ft.)			
B. Diameter (Ft.)			
C. Emission exit direction (Up, down, or horizontal)			
D. Air flow rate ($Ft.^3$/Minute)			
13. Particulate air contaminants	Silo vent	Silo-to-weigh-batcher vent	Weigh-batcher discharge chute
A. Average emissions (Pounds/Hour)			
B. Maximum emissions (Pounds/hour)			
C. Average emissions (Tons/Year)			
D. Emissions estimation method*			
E. Control devices*			
F. Control efficiency %			

14. Comments

* Refer to the back of the Non-Title V Facility Identification Form (APC 100) for estimation method and control device codes. If the code is "Other" specify in comments.